

## ABSTRACT

Parameter	Value	Unit
Initial concentration	1.0	g/L
Initial pH	7.0	
Temperature	25	°C
Time	0-24	h
Agitation speed	150	rpm
Batch size	100	mL
Adsorbent dose	0.5	g/L
Adsorbent type	Activated carbon	
Adsorbent surface area	1000	m <sup>2</sup> /g
Adsorbent pore volume	0.5	cm <sup>3</sup> /g
Adsorbent density	0.5	g/cm <sup>3</sup>
Adsorbent particle size	0.25	mm
Adsorbent batch	1	
Adsorbent source	Commercial	
Adsorbent treatment	None	
Adsorbent regeneration	None	
Adsorbent reuse	None	
Adsorbent disposal	None	
Adsorbent storage	None	
Adsorbent handling	None	
Adsorbent safety	None	
Adsorbent cost	None	
Adsorbent availability	None	
Adsorbent quality	None	
Adsorbent performance	None	
Adsorbent efficiency	None	
Adsorbent selectivity	None	
Adsorbent stability	None	
Adsorbent durability	None	
Adsorbent flexibility	None	
Adsorbent scalability	None	
Adsorbent sustainability	None	
Adsorbent social impact	None	
Adsorbent environmental impact	None	
Adsorbent economic impact	None	
Adsorbent regulatory impact	None	
Adsorbent ethical impact	None	
Adsorbent overall impact	None	